

WHAT IS CLAIMED IS:

1. A camera incorporating method comprising:

providing a main body having a flat bottom surface
and a flat side which cooperatively form a frame and
5 having a recess with rib slots on its side;

providing a camera unit constructed by connecting
a flexible cable to a substrate on which a camera IC
portion is mounted;

providing a holder having a window portion through
10 which the camera IC portion is passed and a cover
portion which covers the camera unit and which has ribs
engaging with the respective rib slots; and

housing the camera unit in the recess together
with the holder in which the camera IC portion is
15 passed through the window portion, and fitting the ribs
into the respective rib slots to incorporate the camera
unit into the main body.

2. The camera incorporating method according to
claim 1, wherein the camera IC has a ground terminal,
20 and the substrate has patterns connected to the ground
terminal,

each of the ribs has a conductive surface portion,
and

each of the ribs is abutted against the
25 corresponding pattern to connect electrically the
shield holder to the ground terminal of the camera IC.

3. The camera incorporating method according to

claim 1, wherein each side portion of the camera unit is provided with a plurality of projections which abut against a side wall of the recess, and when the main body is accommodated in the recess, the projections
5 abut against the side wall to set the camera unit in position.

4. The camera incorporating method according to claim 1, wherein the main body is provided with a connector, and
10 the flexible cable connects the connector to the substrate, and at least a part of the flexible cable is arranged between the substrate and a bottom surface of the recess in the main body.

5. The camera incorporating method according to claim 4, wherein at least a part of the flexible cable is folded between the substrate and the bottom surface of the recess in the main body.

6. The camera incorporating method according to claim 4, wherein the flat bottom surface of the main
20 body and the side of the main body which is perpendicular to the bottom surface are conductive,

each side portion of the camera unit is provided with a plurality of projections which abut against the side, and when the camera unit is accommodated in the recess in the main body, the projections abut against
25 the side to set the camera unit in position,

at least a part of the flexible cable is arranged

between the substrate and the bottom surface of the recess in the main body, and

gaps are created between the camera unit and both the bottom surface and the side.

5 7. A mobile electronic equipment comprising a main body having a flat bottom surface and a flat side which cooperatively form a frame and having a recess with rib slots on its side;

10 a camera unit constructed by connecting a flexible cable to a substrate on which a camera IC portion is mounted; and

15 a holder having a window portion through which the camera IC portion is passed and a cover portion which covers the camera unit and which has ribs engaging with the respective rib slots a holder having a window
portion through which the camera IC portion is passed
and a cover portion which covers the camera unit and
which has ribs engaging with the respective rib slots,
the camera unit being housed in the recess together
20 with the holder in which the camera IC portion is passed through the window portion, and the ribs being fitted into the respective rib slots to incorporate the camera unit into the main body.

25 8. The mobile electronic equipment with the camera according to claim 7, wherein the camera IC has a ground terminal, and the substrate has patterns connected to the ground terminal,

each of the ribs has a conductive surface portion,
and

each of the ribs is abutted against the
corresponding pattern to connect electrically the
5 shield holder to the ground terminal of the camera IC.

9. The mobile electronic equipment with the
camera according to claim 7, wherein each side portion
of the camera unit is provided with a plurality of
projections which abut against a side wall of the
10 recess, and when the main body is accommodated in the
recess, the projections abut against the side wall to
set the camera unit in position.

10. The mobile electronic equipment with the
camera according to claim 7; wherein the main body is
15 provided with a connector, and

the flexible cable connects the connector to the
substrate, and at least a part of the flexible cable is
arranged between the substrate and a bottom surface of
the recess in the main body.

20 11. The mobile electronic equipment with the
camera according to claim 10, wherein at least a part
of the flexible cable is folded between the substrate
and the bottom surface of the recess in the main body.

25 12. The mobile electronic equipment with the
camera according to claim 7, wherein the flat bottom
surface of the main body and the side of the main body
which is perpendicular to the bottom surface are

conductive,

each side portion of the camera unit is provided with a plurality of projections which abut against the side, and when the camera unit is accommodated in the recess in the main body, the projections abut against the side to set the camera unit in position,

at least a part of the flexible cable is arranged between the substrate and the bottom surface of the recess in the main body, and

gaps are created between the camera unit and both the bottom surface and the side.